Thank you for purchasing the PowerEx MH-C801D battery charger. Read these instructions carefully and thoroughly before operating this unit. IMPORTANT SAFETY INSTRUCTIONS. READ AND SAVE THESE INSTRUCTIONS.

GENERAL PRECAUTIONS

- Do not charge battery cells other than NiMH or NiCD. AA Batteries must be able to accept a 2.0A (Rapid mode) / 1.0A (Soft mode) rapid charge current. AAA Batteries must be able to accept a 0.7A (Rapid) / 0.35A (Soft) rapid charge current.
- Do not use one-hour rapid charge mode on AA batteries rated under 2000mAh and AAA batteries under 700mAh. To charge them, use the Soft Charging mode (refer to “Soft Charging Mode”).
- Do not expose the unit to rain or moisture due to the risk of fire.
- Do not operate the charger if it appears damaged in any way.
- Always place the battery cells with positive tip facing the top. Incorrect polarity may cause fire or explosion. Observe polarity diagrams located on the charger.
- Do not allow the unit to be exposed to direct sunlight. Operate in well-ventilated area.
- Do not allow the battery terminals to become shorted.
- To reduce the risk of damage to the power cord, always pull by connector rather than the cord.

FEATURES & SPECIFICATIONS

- Eight independent charging slots. Charges 1-8 AA or AAA batteries.
- Selectable Rapid Charge and Soft Charge mode.
- Recharge in approximately 1 hour.
- Selectable conditioning / rejuvenation cycle.
- Worldwide power supply.

<table>
<thead>
<tr>
<th>Rapid Charge Current:</th>
<th>2.0A (AA), 0.7A (AAA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microprocessor:</td>
<td>Eighth-generation MH-NM7008 Powerex Precision Microprocessor</td>
</tr>
<tr>
<td>Charge Time*:</td>
<td>60 Minute (Rapid), 120 Minute (Soft)</td>
</tr>
<tr>
<td>Input Voltage:</td>
<td>AC 100-240V 50-60Hz</td>
</tr>
</tbody>
</table>

* Charge time will vary depending upon the brand, capacity, and condition of batteries being charged.

OPERATION

Rapid Charge Mode (Default)

1. Connect the power supply unit DIN connector to the charger as shown in the figure below.

Then, connect the supplied AC cord to a compatible outlet (100-240VAC, 50/60Hz) and the other end to the power supply unit.

TIP: When operating the charger outside of its intended region of use, simply obtain a power cord with a suitable plug type or use a plug-changer. Transformer is not necessary.
2. Insert AA and/or AAA batteries.

For best performance, insert the batteries from the left to right.

![Battery Insertion Diagram]

NOTE: Ensure that the batteries are pressed down all the way to ensure optimal contact.

If a battery cannot be detected, make sure that the battery is inserted all the way and try changing the slot. If it still cannot be recognized, the battery may not be accepting a charge and may need to be replaced.

3. When the battery is correctly inserted, charging will commence for that slot. The charger is equipped with a four-level battery gauge which displays the charging progress.

<table>
<thead>
<tr>
<th>Charge Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-50% charge</td>
<td>50-80% charge</td>
</tr>
<tr>
<td>Battery fault</td>
<td>80-100% charge</td>
</tr>
<tr>
<td>Charging completed</td>
<td>Charged</td>
</tr>
</tbody>
</table>

**Soft Charging Mode**

NOTE: Soft Charging is activated for all battery slots simultaneously and cannot be activated for each individual battery.

1. Remove all batteries from the charger, if any.
2. Insert one battery in the leftmost slot.
3. Within five seconds, press and hold the “SOFT” button until “Soft Charging” symbol is displayed on the LCD screen.

4. Insert the remaining batteries.
5. Soft Charging mode will remain activated as long as there are batteries in the charger (even if charging is completed). The charger will reset to Rapid Charge mode (Soft Charging symbols disappears) when all batteries are removed.

**Conditioning Mode**

NOTE: Conditioning is activated for all battery slots simultaneously and cannot be activated for each individual battery.

1. Remove all batteries from the charger, if any.
2. Insert one battery in the leftmost slot.
3. Within five seconds, press and hold the “CONDITION” button until “Condition” symbol is displayed on the LCD screen.

4. Insert the remaining batteries.
5. The condition cycle will first apply an initial charge, discharge then recharge the batteries.

**Conditioning Cycle**

Initial Charging | Discharging | Standby for Recharging | Done

It is normal for all symbols to disappear from one or more slots toward the end of discharge. This indicates that discharging is nearly completed and recharging will commence soon.

During discharging, batteries that finish before others will show “CHARGE” symbols. However, actual charging will not commence until all batteries have finished discharging.

Manufactured By:

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